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United States Department of Agriculture,

BUREAU OF ENTOMOLOGY,

L. O. HOWARD, Entomologist and Chief of Bureau.

LIST OF PUBLICATIONS OF THE BUREAU OF ENTOMOLOGY.

Compiled by MABEL COLCORD, *Librarian*.

There has been a demand from librarians, members of this Bureau, and others interested in entomology for a complete list of the publications of the Bureau and of those of the Department of Agriculture in general bearing on the subject and published by members of the Bureau or under its auspices. To supply this demand the following list has been compiled.

Applications for the priced publications mentioned in this list should be addressed to the Superintendent of Documents, Government Printing Office, Washington, D. C. All remittances should be made payable to him and not to the Department of Agriculture, and should be sent by postal money order or New York exchange. Currency may be sent at sender's risk, but postage stamps, foreign money, and uncertified checks will not be accepted.

The Farmers' Bulletins, circulars, separates, and popular summaries are sent free, on application to the Secretary of Agriculture; but applications from residents of foreign countries, to whom the price of these is 6 cents each, including postage, should be made to the Superintendent of Documents, Government Printing Office, Washington, D. C. No charge is made for postage on documents forwarded to points in the United States, Guam, Hawaii, Philippine Islands, or Porto Rico, nor to Canada, Cuba, or Mexico. To other countries the regular rate of postage is charged, and remittances must cover such postage.

Where scientific names of species are given in brackets these do not occur in the titles of the publications, but are inserted for the convenience of those not familiar with the common names.

ANNUAL REPORTS.

[The Division of Entomology was established in 1863 by the appointment of Townend Glover as Entomologist. The annual reports of the Entomologist are

bound with those of the Secretary of Agriculture, and for some years have also been issued in independent form, known as author's editions.

Previous to the establishment of the Division, articles of entomological interest appeared in the agricultural reports of the Patent Office. These articles are indexed in "The General Index of the Agricultural Reports of the Patent Office for 1837-1861, and of the Department of Agriculture for 1862-1876." ^a]

Report of the Entomologist for 1863. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1863. pp. 561-579.) Out of print.

Report of the Entomologist for 1864. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1864. pp. 540-564.) Out of print.

Report of the Entomologist for 1865. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1865. pp. 33-45.) Out of print.

Report of the Entomologist for 1866. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1866. pp. 27-45.) Out of print.

Report of the Entomologist for 1867. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1867. pp. 58-76, figs. [16].) Out of print.

[Report of the Entomologist for 1868.] By Townend Glover. Title: The Food and habits of beetles. (In Annual Report Commissioner of Agriculture for 1868. pp. 78-117, figs. 183.) Out of print.

Report of the Entomologist for 1869. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1869. pp. 60-64.) Out of print.

Report of the Entomologist and Curator of the Museum for 1870. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1870. pp. 65-91, figs. 60.) Out of print.

Report of the Entomologist and Curator of the Museum for 1871. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1871. pp. 69-88, figs. 23.) Out of print.

Report of the Entomologist and Curator of the Museum for 1872. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1872. pp. 112-138, figs. 26.) Out of print.

Report of the Entomologist and Curator of the Museum for 1873. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1873. pp. 152-169, figs. 10.) Out of print.

Report of the Entomologist and Curator of the Museum for 1874. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1874. pp. 122-146, figs. 20.) Out of print.

Report of the Entomologist for 1875. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1875. pp. 114-140, figs. 63.) Out of print.

Report of the Entomologist and Curator of the Museum for 1876. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1876. pp. 17-46, figs. 59.) Out of print.

Report of the Entomologist and Curator of the Museum for 1877. By Townend Glover. (In Annual Report Commissioner of Agriculture for 1877. pp. 89-148, pls. I-V.) Out of print.

Report of the Entomologist, Charles V. Riley, August 22, 1879. pp. 52+[1], pls. 7. 1879. (Author's edition from the Annual Report of the Department of Agriculture for the year 1878. pp. 207-257, pls. I-VII.) Out of print.

Report of the Entomologist for 1879. By J. Henry Comstock. (In Annual Report Commissioner of Agriculture for 1879. pp. 185-348, pls. I-XVI.) Out of print.

^a By the Commissioner of Agriculture. Washington: Government Printing Office. 1876. (Now out of print.)

- Report of the Entomologist for 1880. By J. Henry Comstock. pp. iv+235-373+iv, pls. 24. 1881. (Author's edition from the Annual Report of the Department of Agriculture for 1880.) Out of print.
- Report on insects for the year 1881. By J. Henry Comstock. 1882. pp. 22, pls. XIV-XX. (Author's edition from the Annual Report of the Department of Agriculture for the year 1881. pp. 195-214. pls. XIV-XX.) Out of print.
- Report of the Entomologist, Charles V. Riley, for the fiscal year ending June 30, 1882. pp. viii + 167, pls. 20. 1882. (Author's edition from the Annual Report of the Department of Agriculture for the year 1881-[82]. pp. 61-214, pls. I-XX.) Out of print.
- Report of the Entomologist, Charles V. Riley, for the year 1883. pp. v + 99-180 + 5 + [2], pls. 13. 1883. (Author's edition from the Annual Report of the Department of Agriculture for 1883.) Out of print.
- Report of the Entomologist, Charles V. Riley, for the year 1884. pp. vii + [1] + 134 + 2 + ix, pls. 10. 1885. (Author's edition from the Annual Report of the Department of Agriculture for the year 1884.) Out of print.
- Report of the Entomologist, Charles V. Riley, for the year 1885. pp. vii + 1 + 137 + viii + 2, 2 l., pls. 9, 1 map. 1886. (Author's edition from the Annual Report of the Department of Agriculture for the year 1885.) Out of print.
- Report of the Entomologist, Charles V. Riley, for the year 1886. pp. v + 459-592 + ix, pls. 11. 1887. (Author's edition from the Annual Report of the Department of Agriculture for the year 1886.) Out of print.
- Report of the Entomologist, Charles V. Riley, for the year 1887. pp. vi + 48-179 + vi, pls. 8. 1888. (Author's edition from the Annual Report of the Department of Agriculture for the year 1887.) Out of print.
- Report of the Entomologist, Charles V. Riley, for the year 1888. pp. iv + 53-144, pls. 12. 1889. (Author's edition from the Annual Report of the Department of Agriculture for the year 1888.) Out of print.
- Report of the Entomologist for the year 1889. [By C. V. Riley.] pp. iv + 331-361 + iii, pls. 6. [1889?] (Author's edition from the Annual Report of the Department of Agriculture for the year 1889.)
- Report of the Entomologist for 1890. By C. V. Riley. pp. 1 + 237-264, pls. I-VII. 1891. (From the Report of the Secretary of Agriculture for 1890.) Out of print.
- Report of the Entomologist for 1891. By C. V. Riley. pp. i-iii + 231-266 + ii. 1892. (From the Report of the Secretary of Agriculture for 1891.)
- Report of the Entomologist for 1892. By C. V. Riley. pp. i-iii + 153-180 + ii, pls. I-XII. 1893. (From the Report of the Secretary of Agriculture for 1892.)
- Report of the Entomologist for 1893. By C. V. Riley. pp. i-iii + 199-226 + ii, pls. I-IV. (From the Report of the Secretary of Agriculture for 1893.) Out of print.
- Report of the Entomologist for 1894. By L. O. Howard. (In Annual Report Secretary of Agriculture in Message and Documents, 1893-1894. pp. 157-159.) Out of print.
- Report of the Entomologist for 1895. By L. O. Howard. (In Annual Report Secretary of Agriculture in Message and Documents, 1895. pp. 153-157.) Out of print.
- Report of the Entomologist for the fiscal year ending June 30, 1896. By L. O. Howard. pp. i-iii + 89-93. 1896. (From the Report of the Secretary of Agriculture in Message and Documents, 1896.) Out of print.
- Report of the Entomologist for 1897. By L. O. Howard. pp. i-ii + 111-116. 1897. (From the Report of the Secretary of Agriculture, 1897.) Out of print.

- Report of the Entomologist for 1898. By L. O. Howard. pp. i-iii+17-25. 1898.
(From the Report of the Secretary of Agriculture, 1898.)
- Report of the Entomologist for 1899. By L. O. Howard. pp. i-iii+43-52. 1899.
(From the Report of the Secretary of Agriculture, 1899.) Out of print.
- Report of the Entomologist for 1900. By L. O. Howard. pp. i-ii+27-34. 1900.
(From Annual Reports Department of Agriculture, 1900.)
- Report of the Entomologist for 1901. By L. O. Howard. pp. i-ii+141-150.
1901. (From Annual Reports Department of Agriculture, 1901.)
- Report of the Acting Entomologist for 1902. By C. L. Marlatt. pp. i-iii+189-
207. (From Annual Reports Department of Agriculture, 1902.)
- Report of the Entomologist for 1903. By L. O. Howard. pp. i-ii+227-243.
(From Annual Reports Department of Agriculture, 1903.)
- Report of the Entomologist for 1904. By L. O. Howard. pp. i-iii+271-289.
(From Annual Reports Department of Agriculture, 1904.) Out of print.
- Report of the Entomologist for 1905. By L. O. Howard. pp. i-ii+273-302.
(From Annual Reports Department of Agriculture, 1905.)
- Report of the Entomologist for 1906. By L. O. Howard. pp. 36. (From
Annual Reports Department of Agriculture [1906].) Issued Dec. 22, 1906.
- Report of the Entomologist for 1907. By L. O. Howard. pp. 45. (From
Annual Reports Department of Agriculture [1907].) Issued January 17, 1908.

BULLETINS, OLD SERIES.

- No. 1. Reports of experiments, chiefly with kerosene, upon insects injuriously
affecting the orange tree and the cotton plant, made under the direction of the
Entomologist. pp. 62. 1883. Out of print.
- Same*, second edition. pp. 62. 1883. Out of print.
- Same*, third edition. pp. 62. 1885. Out of print.
- No. 2. Reports of observations on the Rocky Mountain locust [*Melanoplus*
(*Caloptenus*) *spretus* Uhl.] and chinch bug [*Blissus leucopterus* Say], to-
gether with extracts from the correspondence of the Division on miscel-
laneous insects. pp. 36. 1883. Out of print.
- Same*, second edition. pp. 36. 1883. Out of print.
- No. 3. Reports of observations and experiments in the practical work of the
Division, made under the direction of the Entomologist. pp. 75, pls. 3. 1883.
Out of print.
- No. 4. Reports of observations and experiments in the practical work of the
Division, made under the direction of the Entomologist, together with extracts
from correspondence on miscellaneous insects. pp. 102, figs. 4. 1884. Out
of print.
- No. 5. Descriptions of North American Chalcididae from the collections of the
U. S. Department of Agriculture and of Dr. C. V. Riley, with biological notes.
[First paper.] Together with a list of the described North American species
of the family. By L. O. Howard. pp. 47. 1885. Out of print.
- No. 6. The imported elm leaf-beetle [*Galerucella luteola* Müll. (*Galeruca xan-
thomelana* Schrank)]. Its habits and natural history, and means of counter-
acting its injuries. pp. 18, fig. 1, pl. 1. 1885. Out of print.
- Same*, second edition. pp. 21, fig. 1, pl. 1. 1891. Price 5 cents. Postage 1 cent.
- No. 7. The Pediculi and Mallophaga affecting man and the lower animals. By
Herbert Osborn. pp. 56, figs. 42. 1891. Price 10 cents. Postage 3 cents.
- No. 8. The periodical Cicada. An account of Cicada septendecim and its
tredecim race, with a chronology of all the broods known. By Charles V.
Riley. pp. 46, figs. 8. 1885. Out of print.

Same, second edition. pp. 46. 1885. Out of print.

No. 9. The mulberry silk-worm; being a manual of instructions in silk culture. By Charles V. Riley. Sixth revised edition. pp. 65, figs. 29, pls. 2. 1886. (Eds. 1-5 of Bulletin 9 are the same as "Special Report No. 11, Office of the Secretary.") Out of print.

Same, seventh revised edition. pp. vii+65, figs. 29, pls. 2. 1888. Out of print.

No. 10. Our shade trees and their insect defoliators. Being a consideration of the four most injurious species which affect the trees of the capital, with means of destroying them. By Charles V. Riley. pp. 75, figs. 27. 1887. Out of print.

Same, second revised edition. pp. 75, figs. 27. 1888. Out of print.

No. 11. Reports of experiments with various insecticide substances, chiefly upon insects affecting garden crops, made under the direction of the Entomologist. pp. 34. 1886. Out of print.

No. 12. Miscellaneous notes on the work of the Division of Entomology for the season of 1885, prepared by the Entomologist. pp. 46, pl. 1. 1886. Out of print.

No. 13. Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. pp. 78, figs. 4. 1887. Out of print.

No. 14. Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. pp. 62, figs. 2, pl. 1. 1887. Out of print.

No. 15. The *Icerya*, or fluted scale, otherwise known as the cottony cushion-scale. [Reprint of some recent articles by the Entomologist, and of a report from the agricultural experiment station, University of California.] pp. 40. 1887. Out of print.

No. 16. The entomological writings of Dr. Alpheus Spring Packard. By Samuel Henshaw. pp. 49. 1887. Out of print.

No. 17. The chinch bug [*Blissus leucopterus* Say]; a general summary of its history, habits, enemies, and of the remedies and preventives to be used against it. By L. O. Howard. pp. 48, figs. 10. 1888. Price 5 cents. Postage 2 cents.

No. 18. The life and entomological work of the late Townsend Glover. By Charles Richards Dodge. pp. 68, figs. 5, pl. 1. 1888. Out of print.

No. 19. An enumeration of the published synopses, catalogues, and lists of North American insects; together with other information intended to assist the student of American entomology. By E. A. Schwarz. pp. 77. 1888. Price 5 cents. Postage 3 cents.

No. 20. The root-knot disease of the peach, orange, and other plants in Florida, due to the work of *Anguillula*. By J. C. Neal. pp. 31, pls. 21. 1889. Out of print.

No. 21. Report of a trip to Australia, made under the direction of the Entomologist to investigate the natural enemies of the fluted scale [*Icerya purchasi* Mask.]. By Albert Koebele. pp. 32, figs. 16. 1890. Out of print.

Same, revised edition. pp. 32, figs. 16. 1890. Out of print.

No. 22. Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. pp. 110, figs. 2. 1890. Out of print.

No. 23. Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. pp. 83. 1891. Out of print.

- No. 24. The boll worm of cotton [*Heliothis obsoleta* Fab. (*H. armigera* Hübn.)]. A report of progress in a supplementary investigation of this insect. By F. W. Mally. pp. 50, figs. 2. 1891. Price 5 cents. Postage 2 cents.
- No. 25. Destructive locusts. A popular consideration of a few of the more injurious locusts (or "grasshoppers") of the United States, together with the best means of destroying them. By C. V. Riley. pp. 62, figs. 11, pls. 12, map 1. 1891. Price 15 cents. Postage 3 cents.
- No. 26. Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. pp. 95. 1892. Out of print.
- No. 27. Reports on the damage by destructive locusts during the season of 1891, made under the direction of the Entomologist. pp. 64. 1892. Out of print.
- No. 28. The more destructive locusts of America north of Mexico. By Lawrence Bruner. pp. 40, figs. 21. 1893. Out of print.
- No. 29. Report on the boll worm of cotton [*Heliothis obsoleta* Fab. (*H. armigera* Hübn.)]. By F. W. Mally. pp. 73, pls. 2. 1893. Price 5 cents. Postage 3 cents.
- No. 30. Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. pp. 67. 1893. Out of print.
- No. 31. Catalogue of the exhibit of economic entomology at the World's Columbian Exposition, Chicago, Ill., 1893, made under the direction of the Entomologist. pp. 121. 1893. Price 10 cents. Postage 4 cents.
- No. 32. Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. pp. 59. 1894. Out of print.
- No. 33. Legislation against injurious insects; a compilation of the laws and regulations in the United States and British Columbia. By L. O. Howard. pp. 46. 1895. Out of print.

BULLETINS, NEW SERIES.

- No. 1. The honey bee: a manual of instruction in apiculture. By Frank Benton. pp. 118, figs. 76, pls. 11. 1896. Out of print.
- Same*, revised edition. pp. 118, pls. 12. 1896. Out of print.
- Same*, third edition. pp. 118, pls. 12. 1899. Price 15 cents. Postage 5 cents.
- Same*, 54th Cong., 1st sess., H. Doc. 359, serial No. 3435.
- No. 2. Proceedings of the seventh annual meeting of the Association of Economic Entomologists. pp. 100, fig. 1. 1895. Out of print.
- No. 3. The San Jose scale [*Aspidiotus perniciosus* Comst.]: its occurrences in the United States, with a full account of its life history and the remedies to be used against it. By L. O. Howard and C. L. Marlatt. pp. 80, figs. 8. 1896. Price 10 cents. Postage 3 cents.
- No. 4. The principal household insects of the United States. By L. O. Howard and C. L. Marlatt. With a chapter on insects affecting dry vegetable foods. By F. H. Chittenden. pp. 130, figs. 64. 1896. Out of print.
- Same*, revised edition. pp. 131, figs. 64. 1902 [1899]. Price 10 cents. Postage 5 cents.
- No. 5. Insects affecting domestic animals: an account of the species of importance in North America, with mention of related forms occurring on other animals. By Herbert Osborn. pp. 302, figs. 170, pls. 5. 1896. Price 20 cents. Postage 10 cents.

- No. 6. Proceedings of the eighth annual meeting of the Association of Economic Entomologists. pp. 100, figs. 5. 1896. Out of print.
- No. 7. Some miscellaneous results of the work of the Division of Entomology. Prepared under the direction of L. O. Howard, Entomologist. pp. 87, figs. 44. 1897. Price 10 cents. Postage 3 cents.
- No. 8. Some little-known insects affecting stored vegetable products: a collection of articles detailing certain original observations made upon insects of this class. By F. H. Chittenden. pp. 45, figs. 10. 1897. Out of print.
- No. 9. Proceedings of the ninth annual meeting of the Association of Economic Entomologists. pp. 87, figs. 2. 1897. Price 10 cents. Postage 4 cents.
- No. 10. Some miscellaneous results of the work of the Division of Entomology. Prepared under the direction of L. O. Howard, Entomologist. pp. 99, figs. 19. 1898. Price 10 cents. Postage 4 cents.
- No. 11. The gipsy moth in America: a summary account of the introduction and spread of *Porthetria dispar* in Massachusetts and of the efforts made by the State to repress and exterminate it. By L. O. Howard. pp. 39, figs. 8. 1897. Price 5 cents. Postage 2 cents.
- No. 12. The San Jose scale [*Aspidiotus perniciosus* Comst.] in 1896-1897. By L. O. Howard. pp. 31, fig. 1. 1898. Price 5 cents. Postage 2 cents.
- No. 13. Recent laws against injurious insects in North America, together with the laws relating to foul brood. Compiled by L. O. Howard. pp. 68. 1898. Price 5 cents. Postage 3 cents.
- No. 14. The periodical Cicada: an account of Cicada septendecim, its natural enemies, and the means of preventing its injury, together with a summary of the distribution of the different broods. By C. L. Marlatt. pp. 148, figs. 57, pls. 3. 1898. Price 15 cents. Postage 6 cents.
- No. 15. The chinch bug [*Blissus leucopterus* Say]; its probable origin and diffusion, its habits and development, natural checks and remedial and preventive measures, with mention of the habits of an allied European species. By F. M. Webster. pp. 82, figs. 19. 1898. Price 10 cents. Postage 3 cents.
- No. 16. The Hessian fly [*Mayetiola (Cecidomyia) destructor* Say] in the United States. By Herbert Osborn. pp. 57, figs. 8, pls. 2, map 1. 1898. Price 10 cents. Postage 3 cents.
- No. 17. Proceedings of the tenth annual meeting of the Association of Economic Entomologists. pp. 104, figs. 4. 1898. Price 10 cents. Postage 4 cents.
- No. 18. Some miscellaneous results of the work of the Division of Entomology. III. Prepared under the direction of L. O. Howard, Entomologist. pp. 101, figs. 17. 1898. Price 10 cents. Postage 4 cents.
- No. 19. Some insects injurious to garden and orchard crops. A series of articles dealing with insects of this class. By F. H. Chittenden. pp. 99, figs. 20. 1899. Out of print.
- No. 20. Proceedings of the eleventh annual meeting of the Association of Economic Entomologists. pp. 111, figs. 4. 1899. Price 10 cents. Postage 4 cents.
- No. 21. Preliminary report on the insect enemies of forests in the Northwest. An account of the results gained from a reconnaissance trip made in the spring and early summer of 1899. By A. D. Hopkins. pp. 27. 1899. Out of print.
- No. 22. Some miscellaneous results of the work of the Division of Entomology. IV. Prepared under the direction of L. O. Howard, Entomologist. pp. 109, figs. 28. 1900. Price 10 cents. Postage 4 cents.

- No. 23. Some insects injurious to garden crops. A series of articles dealing with insects of this class. By F. H. Chittenden. pp. 92, figs. 23. 1900. Price 10 cents. Postage 4 cents.
- No. 24. A list of works on North American entomology. Compiled . . . by Nathan Banks. pp. 95. 1900. Price 10 cents. Postage 4 cents.
- No. 25. Notes on the mosquitoes of the United States: giving some account of their structure and biology, with remarks on remedies. By L. O. Howard. pp. 70, figs. 22. 1900. Price 10 cents. Postage 3 cents.
- No. 26. Proceedings of the twelfth annual meeting of the Association of Economic Entomologists. pp. 102, pls. 2. 1900. Price 10 cents. Postage 4 cents.
- No. 27. Some insects injurious to the violet, rose, and other ornamental plants. A collection of articles dealing with insects of this class. By F. H. Chittenden. pp. 114, figs. 29, pls. 4. 1901. Out of print.
- Same, revised edition. pp. 114, figs. 29, pls. 4. 1901. Price 10 cents. Postage 4 cents.
- No. 28. Insect enemies of spruce in the Northeast. A popular account of results of special investigations, with recommendations for preventing losses. . . . By A. D. Hopkins. pp. 80, figs. 2, pls. 16. 1901. Price 10 cents. Postage 5 cents.
- No. 29. The fall army worm [*Laphygma frugiperda* S. & A.] and variegated cutworm [*Peridroma saucia* Hübn.]. By F. H. Chittenden. pp. 64, figs. 11. 1901. Price 5 cents. Postage 3 cents.
- No. 30. Some miscellaneous results of the work of the Division of Entomology. V. Prepared under the direction of L. O. Howard, Entomologist. pp. 98, figs. 29, pls. 2. 1901. Price 10 cents. Postage 4 cents.
- No. 31. Proceedings of the thirteenth annual meeting of the Association of Economic Entomologists [1901]. pp. 103, figs. 4, pls. 2. 1902. Price 10 cents. Postage 4 cents.
- No. 32. Insect enemies of the pine in the Black Hills Forest Reserve. An account of results of special investigations, with recommendations for preventing losses. By A. D. Hopkins. pp. 24, figs. 5, pls. 7. 1902. Price 10 cents. Postage 2 cents.
- No. 33. Some insects injurious to vegetable crops. A series of articles dealing with insects of this class. By F. H. Chittenden. pp. 117, figs. 30. 1902. Price 10 cents. Postage 4 cents.
- No. 34. The principal insects liable to be distributed on nursery stock. By Nathan Banks. pp. 46, figs. 47. 1902. Price 5 cents. Postage 2 cents.
- No. 35. Report on codling-moth [*Carpocapsa pomonella* L.] investigations in the Northwest during 1901. By C. B. Simpson. pp. 29, fig. 1, pls. 5. 1902. Price 10 cents. Postage 2 cents.
- No. 36. An index to Bulletins Nos. 1-30 (new series) (1896-1901) of the Division of Entomology. By Nathan Banks. pp. 64. 1902. Price 5 cents. Postage 3 cents.
- No. 37. Proceedings of the fourteenth annual meeting of the Association of Economic Entomologists. pp. 127, figs. 2, pl. 1. 1902. Price 10 cents. Postage 5 cents.
- No. 38. Some miscellaneous results of the work of the Division of Entomology. VI. Prepared under the direction of the Entomologist. pp. 110, figs. 9, pls. 2. 1902. Price 10 cents. Postage 4 cents.
- No. 39. The culture of the mulberry silkworm [*Bombyx mori* L.]. By Henrietta Aiken Kelly. pp. 32, figs. 15. 1903. Out of print.

- No. 40. Proceedings of the fifteenth annual meeting of the Association of Economic Entomologists. pp. 124, figs. 6, pls. 2. 1903. Price 10 cents. Postage 5 cents.
- No. 41. The codling moth [*Carpocapsa pomonella* L.]. By C. B. Simpson. pp. 105, figs. 19, pls. 16. 1903. Price 15 cents. Postage 5 cents.
- No. 42. Some insects attacking the stems of growing wheat, rye, barley, and oats, with methods of prevention and suppression. By F. M. Webster. pp. 62, figs. 15. 1903. Price 5 cents. Postage 3 cents.
- No. 43. A brief account of the principal insect enemies of the sugar beet. By F. H. Chittenden. pp. 71, figs. 65. 1903. Price 5 cents. Postage 3 cents.
- No. 44. Some miscellaneous results of the work of the Division of Entomology. VII. Prepared under the direction of the Entomologist. pp. 99, figs. 19, pl. 1. 1904. Price 10 cents. Postage 4 cents.
- No. 45. The Mexican cotton boll weevil [*Anthonomus grandis* Boh.]. By W. D. Hunter and W. E. Hinds. pp. 116, figs. 6, pls. 16. 1904. Price 25 cents. Postage 6 cents.
- No. 46. Proceedings of the sixteenth annual meeting of the Association of Economic Entomologists. pp. 113, fig. 1, pls. 2. 1904. Price 10 cents. Postage 4 cents.
- No. 47. Catalogue of the exhibit of economic entomology at the Louisiana Purchase Exposition, St. Louis, Mo., 1904 . . . By E. S. G. Titus and F. C. Pratt. pp. 155. 1904. Out of print.
- Same, revised edition. 1904. Price 10 cents. Postage 5 cents.
- No. 48. Catalogue of exhibits of insect enemies of forests and forest products at the Louisiana Purchase Exposition, St. Louis, Mo., 1904. By A. D. Hopkins. pp. 56, pls. 22. 1904. Price 15 cents. Postage 4 cents.
- No. 49. Report on the habits of the kelep, or Guatemalan cotton-boll-weevil ant. By O. F. Cook. pp. 15. 1904. Price 5 cents. Postage 1 cent.
- No. 50. The cotton bollworm [*Heliothis obsoleta* Fab.]. By A. L. Quaintance and C. T. Brues. pp. 155, figs. 27, pls. 25, map 1. 1905. Price 25 cents. Postage 8 cents.
- No. 51. The Mexican cotton boll weevil [*Anthonomus grandis* Boh.]: A revision and amplification of Bulletin 45, to include the most important observations made in 1904. By W. D. Hunter and W. E. Hinds. pp. 181, figs. 8, pls. 23. 1905. Price 15 cents. Postage 8 cents.
- Same, 58th Cong., 3d sess., H. Doc. 383.
- No. 52. Proceedings of the seventeenth annual meeting of the Association of Economic Entomologists. pp. 123, figs. 7. 1905. Price 10 cents. Postage 4 cents.
- No. 53. Catalogue of the exhibit of economic entomology at the Lewis and Clark Centennial Exposition, Portland, Oregon, 1905 . . . By Rolla P. Currie. pp. 127. 1905. Price 10 cents. Postage 5 cents.
- No. 54. Some miscellaneous results of the work of the Bureau of Entomology. VIII. Prepared under the direction of the Entomologist. pp. 99, figs. 20, pls. 4. 1905. Price 10 cents. Postage 4 cents.
- No. 55. The rearing of queen bees. By E. F. Phillips. pp. 32, figs. 17. 1905. Price 5 cents. Postage 2 cents.
- No. 56. The Black Hills beetle [*Dendroctonus ponderosæ* Hopk.]. With further notes on its distribution, life history, and methods of control. By A. D. Hopkins. pp. 24, figs. 6, pls. 2. 1905. Price 5 cents. Postage 2 cents.
- No. 57. Report on miscellaneous cotton insects in Texas. By E. Dwight Sanderson. pp. 63, figs. 33, pl. 1. 1906. Price 5 cents. Postage 3 cents.

- No. 58, Part I. Some insects injurious to forests. The locust borer [*Cyllene robiniae* Forst.]. By A. D. Hopkins. pp. iv+16, figs. 6, pl. I. June 13, 1906. Price 5 cents. Postage 1 cent.
- No. 58, Part II. Some insects injurious to forests. The western pine-destroying barkbeetle [*Dendroctonus brevicornis* Lec.]. By J. L. Webb, pp. vi+17-30, figs. 7-12, pls. II-III, August 18, 1906. Price 10 cents. Postage 2 cents.
- No. 58, Part III. Some insects injurious to forests. Additional data on the locust borer [*Cyllene robiniae* Forst.]. By A. D. Hopkins. pp. iv+31-40. Issued March 5, 1907. Price 5 cents. Postage 1 cent.
- No. 59. Proliferation as a factor in the natural control of the Mexican cotton boll weevil. By W. E. Hinds. pp. 45, pls. 6. August 27, 1906. Price 15 cents. Postage 3 cents.
- No. 60. Proceedings of the eighteenth annual meeting of the Association of Economic Entomologists. pp. 206, figs. 10, pls. 3. Issued September 22, 1906. Price 20 cents. Postage 7 cents.
- No. 61. The laws in force against injurious insects and foul brood in the United States. Compiled by L. O. Howard and A. F. Burgess. pp. 222. Issued November 5, 1906. Price 25 cents. Postage 7 cents.
- No. 62. The San Jose or Chinese scale [*Aspidiotus perniciosus* Comst.]. By C. L. Marlatt. pp. 89, figs. 12, pls. 9. Issued December 5, 1906. Price 25 cents. Postage 4 cents.
- No. 63, Part I. Papers on the cotton boll weevil and related and associated insects. Hibernation and development of the cotton boll weevil [*Anthonomus grandis* Boh.]. By E. Dwight Sanderson. pp. iv+38, figs. 6. Issued January 15, 1907. Price 5 cents. Postage 2 cents.
- No. 63, Part II. Papers on the cotton boll weevil and related and associated insects. Notes on the biology of certain weevils related to the cotton boll weevil. By W. Dwight Pierce. pp. ii+39-44, pl. I. Issued February 5, 1907. Price 5 cents. Postage 1 cent.
- No. 63, Part III. Papers on the cotton boll weevil and related and associated insects. An ant enemy [*Solenopsis geminata* Fab., var. *xyloxi* McC.] of the cotton boll weevil. By W. E. Hinds. pp. iv+45-48, figs. 7. Issued February 5, 1907. Price 5 cents. Postage 1 cent.
- No. 63, Part IV. Papers on the cotton boll weevil and related and associated insects. A predatory bug [*Apiomerus spissipes* Say] reported as an enemy of the cotton boll weevil. By A. C. Morgan. pp. iv+49-54, figs. 8-9. Issued February 8, 1907. Price 5 cents. Postage 1 cent.
- No. 63, Part V. Papers on the cotton boll weevil and related and associated insects. Notes on the pepper weevil [*Anthonomus eugenii* Cano (*ancotinctus* Champ.)]. By F. C. Pratt. pp. iv+55-58, fig. 10, pl. II. Issued February 9, 1907. Price 5 cents. Postage 1 cent.
- No. 63, Part VI. Papers on the cotton boll weevil and related and associated insects. The strawberry weevil in the south-central States in 1905 [*Anthonomus signatus* Say]. By A. W. Morrill. pp. iv+59-62. Issued January 22, 1907. Price 5 cents. Postage 1 cent.
- No. 63, Part VII. Papers on the cotton boll weevil and related and associated insects. The cotton stalk-borer [*Ataxia crypta* Say]. By A. C. Morgan. pp. iv+63-66, pl. III. Issued February 9, 1907. Price 5 cents. Postage 1 cent.
- No. 64, Part I. Some miscellaneous results of the work of the Bureau of Entomology. IX. The Mexican conchuela in western Texas in 1905 [*Pentatomella ligata* Say]. By A. W. Morrill. pp. ii+14, figs. 2, pl. I. Issued April 2, 1907. Price 5 cents. Postage 1 cent.

- No. 64, Part II. Some miscellaneous results of the work of the Bureau of Entomology. IX. Notes on the economic importance of sowbugs. By W. Dwight Pierce. pp. iv+15-22, pl. II. Issued April 2, 1907. Price 5 cents. Postage 1 cent.
- No. 64, Part III. Some miscellaneous results of the work of the Bureau of Entomology. IX. Notes on "Punkies" [*Ceratopogon* spp.]. By F. C. Pratt. pp. ii+23-28, figs. 3-6. Issued April 2, 1907. Price 5 cents. Postage 1 cent.
- No. 64, Part IV. Some miscellaneous results of the work of the Bureau of Entomology. An injurious North American species of *Apion* [*Apion griseum* Sm.] with notes on related forms. By F. H. Chittenden. pp. ii+29-32, fig. 7. Issued January 14, 1908. Price 5 cents. Postage 1 cent.
- No. 65. The tobacco thrips, a new and destructive enemy of shade-grown tobacco [*Euthrips nicotianæ* Hinds]. By W. A. Hooker. pp. 24, figs. 2, pls. 2. Issued April 19, 1907. Price 10 cents. Postage 2 cents.
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- No. 66, Part II. Some insects injurious to truck crops. The water-cress sow-bug [*Mancasellus brachyurus* Harger]. The water-cress leaf-beetle [*Phadon cruginosa* Suffr.]. By F. H. Chittenden. pp. iv+11-20, figs. 3-5. Issued April 23, 1907. Price 5 cents. Postage 1 cent.
- No. 66, Part III. Some insects injurious to truck crops. The cranberry spanworm [*Cleora pampinaria* Guen.]. The striped garden caterpillar [*Mamestra legitima* Grote]. By F. H. Chittenden. pp. iv+21-32, figs. 6-7. Issued August 31, 1907. Price 5 cents. Postage 1 cent.
- No. 67. Proceedings of the nineteenth annual meeting of the Association of Economic Entomologists. pp. 145, figs. 7, pl. 1. Issued November 25, 1907. Price 20 cents. Postage 5 cents.
- No. 68, Part I. Papers on deciduous fruit insects and insecticides. The pear thrips [*Euthrips pyri* Daniel]. By Dudley Moulton. pp. iv+16, figs. 8, pls. I-II. Issued June 10, 1907. Price 10 cents. Postage 2 cents.
- No. 68, Part II. Papers on deciduous fruit insects and insecticides. The spring canker-worm [*Palacacrita vernata* Peck]. By A. L. Quaintance. pp. ii+17-22, pls. III-IV. Issued July 6, 1907. Price 5 cents. Postage 1 cent.
- No. 68, Part III. Papers on deciduous fruit insects and insecticides. The trumpet leaf-miner of the apple [*Tischeria malifoliella* Clemens]. By A. L. Quaintance. pp. iv+23-30, fig. 9, pl. V. Issued October 15, 1907. Price 5 cents. Postage 1 cent.
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- No. 68, Part V. Papers on deciduous fruit insects and insecticides. The lesser apple worm [*Enarmonia prunivora* Walsh]. By A. L. Quaintance. pp. ii+49-60, figs. 11, pl. VII. Issued January 8, 1908. Price 5 cents. Postage 1 cent.
- No. 69. The chinch bug [*Blissus leucopterus* Say]. By F. M. Webster. pp. 95, figs. 19. Issued June 21, 1907. Price 15 cents. Postage 4 cents.
- No. 70. Reports of the meeting of inspectors of apiaries, San Antonio, Tex., November 12, 1906. pp. 79, pl. 1. Issued June 17, 1907. Price 15 cents. Postage 4 cents.

- No. 71. The periodical cicada [*Tibicen septendecim* L.]. By C. L. Marlatt. pp. 181, front., figs. 68, pls. 6. Issued July 18, 1907. Price 40 cents. Postage 9 cents.
- No. 72. Information concerning the North American fever tick [*Margaropus (Boophilus) annulatus* Say], with notes on other species. By W. D. Hunter and W. A. Hooker. pp. 87, figs. 13, pls. 4. Issued November 2, 1907. Price 15 cents. Postage 4 cents.
- No. 73. Studies of parasites of the cotton boll weevil [*Anthonomus grandis* Boh.]. By W. Dwight Pierce. pp. 63, figs. 6, pls. 3. Issued January 21, 1908. Price 10 cents. Postage 3 cents.
- No. 74. Some factors in the natural control of the Mexican cotton boll weevil [*Anthonomus grandis* Boh.]. By W. E. Hinds. pp. 79, figs. 2, pls. 4. Issued December 14, 1907. Price 15 cents. Postage 4 cents.
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- No. 3. An important enemy to fruit trees. The San Jose scale [*Aspidiotus perniciosus* Comst.]: its appearance in the eastern United States: measures to be taken to prevent its spread and to destroy it. By L. O. Howard. pp. 10, figs. 5. April 4, 1893. Out of print.
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- No. 5. The carpet beetle or “buffalo moth” (*Anthrenus scrophulariae* L.). By L. O. Howard. pp. 4, fig. 1. September 8, 1894. Out of print.
- No. 6. The Mexican cotton-boll weevil (*Anthonomus grandis* Boh.). By L. O. Howard. pp. 5, figs. 3. April 2, 1895.
Same. (Spanish edition.) pp. 6, figs. 2.

- No. 7. The pear-tree psylla (*Psylla pyricola* Foerst.). By C. L. Marlatt. pp. 8, figs. 6. May 1, 1895.
- No. 8. The imported elm leaf-beetle (*Galerucella luteola* Müll.; *Galeruca xanthomelana* Schrank). By C. L. Marlatt. pp. 4, fig. 1. May 23, 1895. Out of print.
- No. 9. Cankerworms [*Palaeocrita vernata* Peck and *Alsophila* (*Anisopteryx*) *pometaria* Harr.]. By D. W. Coquillett. pp. 4, figs. 4. May 24, 1895.
- No. 10. The Harlequin cabbage bug, or calico back (*Murgantia histrionica* Hahn). By L. O. Howard. pp. 2, fig. 1. May 24, 1895.
- No. 11. The rose chafer [*Macrodactylus subspinosus* Fab.]. By F. H. Chittenden. pp. 4, fig. 1. May 21, 1895.
- No. 12. The Hessian fly (*Cecidomyia destructor* Say). By C. L. Marlatt. pp. 4. July 26, 1895. Out of print.
- Same, revised edition. pp. 4. April 13, 1900. Out of print. (Superseded by No. 70.)
- No. 13. Mosquitoes and fleas. By L. O. Howard. pp. 4. February 1, 1896.
- Same, revised edition. November 15, 1897.
- No. 14. (Revision of No. 6.) The Mexican cotton-boll weevil (*Anthonomus grandis* Boh.). By L. O. Howard. pp. 8, figs. 5. February 12, 1896. Out of print.
- Same. (Spanish edition.) pp. 8, figs. 5. May 18, 1896.
- No. 15. General work against insects which defoliate shade trees in cities and towns. By L. O. Howard. pp. 4. March 6, 1896. (In advance from an article entitled "The shade-tree insect problem in the eastern United States," to be published in the Yearbook of the Department for 1895.)
- No. 16. The larger corn stalk-borer (*Diatraea saccharalis* Fab.). By L. O. Howard. pp. 3, figs. 3. August 13, 1896.
- No. 17. The peach-tree borer (*Sannina exitiosa* Say). By C. L. Marlatt. pp. 4, fig. 1. September 30, 1896. Out of print. (Superseded by No. 54.)
- No. 18. (Revision of No. 14.) The Mexican cotton-boll weevil (*Anthonomus grandis* Boh.). By L. O. Howard, pp. 8, figs. 5. February 4, 1897.
- Same. (Spanish edition.) pp. 10. Out of print.
- Same. (German edition.) pp. 11. Out of print.
- No. 19. The clover mite (*Bryobia pratensis* Garman). By C. L. Marlatt. pp. 4, fig. 1. March 5, 1897. Out of print.
- Same, second edition. pp. 4, fig. 1. July 19, 1897.
- No. 20. The woolly aphid of the apple (*Schizoneura lanigera* Hausm.). By C. L. Marlatt. pp. 6, figs. 2. March 15, 1897. Out of print.
- No. 21. The strawberry weevil (*Anthonomus signatus* Say). By F. H. Chittenden. pp. 7, figs. 4. March 18, 1897.
- No. 22. The periodical cicada in 1897. By E. A. Schwarz. pp. 4. May 1, 1897.
- No. 23. The buffalo tree-hopper (*Ceresa bubalus* Fab.). By C. L. Marlatt. pp. 4, figs. 2. May 10, 1897.
- No. 24. The two-lined chestnut borer (*Agrilus bilineatus* Weber). By F. H. Chittenden. pp. 8, fig. 1. July 14, 1897.
- No. 25. The ox warble (*Hypoderma lineata* Villers). By C. L. Marlatt. pp. 10, figs. 10. July 19, 1897.
- No. 26. The pear slug (*Eriocampoides limacina* Retzius). By C. L. Marlatt. pp. 7, figs. 4. August 28, 1897.
- No. 27. The Mexican cotton-boll weevil in 1897. By L. O. Howard. pp. 7. December 31, 1897. Out of print.
- No. 28. The box-elder plant-bug (*Leptocoris trivittatus* Say). By L. O. Howard. pp. 3, fig. 1. January 8, 1898.

- No. 29. The fruit-tree bark-beetle (*Scolytus rugulosus* Ratz.). By F. H. Chittenden. pp. 8, figs. 5. March 25, 1898. Out of print.
Same, revised edition. March 25, 1903.
- No. 30. The periodical cicada in 1898. By E. A. Schwarz. pp. 3. April 1, 1898. Out of print.
- No. 31. The striped cucumber beetle (*Diabrotica vittata* Fab.). By F. H. Chittenden. pp. 7, figs. 2. April 26, 1898. Out of print.
Same, revised edition. pp. 6, figs. 2. June 9, 1903.
- No. 32. The larger apple-tree borers. By F. H. Chittenden. pp. 12, figs. 3. July 1, 1898. Out of print.
Same, revised edition. pp. 12, figs. 3. August 30, 1902. Out of print.
Same, second revise. pp. 11, figs. 3. April 8, 1905. Out of print.
Same, third revise. pp. 11, figs. 3. Issued December 10, 1907.
- No. 33. Remedial work against the Mexican cotton-boll weevil. By L. O. Howard. pp. 6. July 1, 1898. (Supplementary to circulars 18 and 27.) Out of print.
- No. 34. House ants (*Monomorium pharaonis* et al.). By C. L. Marlatt. pp. 4, figs. 3. July 6, 1898. Out of print.
Same, revise. pp. 4, figs. 3. Issued June 12, 1907.
- No. 35. House flies (*Musca domestica* et al.). By L. O. Howard. pp. 8, figs. 6. July 11, 1898. Out of print. (Superseded by No. 71.)
- No. 36. The true clothes moths (*Tinea pellionella* et al.). By C. L. Marlatt. pp. 8, figs. 3. July 18, 1898. Out of print.
Same, revise. pp. 8, figs. 3. Issued January 15, 1908.
- No. 37. The use of hydrocyanic-acid gas for fumigating greenhouses and cold frames. By Albert F. Woods and P. H. Dorsett. pp. 10, figs. 3. January 10, 1899. Out of print.
Same, corrected print. (Compare page 8.) pp. 10, figs. 3. January 10, 1899. Out of print.
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- No. 38. The squash-vine borer (*Melittia satyriniformis* Hbn.). By F. H. Chittenden. pp. 6, figs. 2. April 22, 1899. Out of print.
Same, revised edition. pp. 6, figs. 2. November 19, 1903.
- No. 39. The common squash bug (*Anasa tristis* De G.). By F. H. Chittenden. pp. 5, figs. 3. May 5, 1899. Out of print.
Same, revised edition. pp. 5, figs. 3. March 23, 1905.
- No. 40. How to distinguish the different mosquitoes of North America. By L. O. Howard (with synoptical tables of the North American mosquitoes; by D. W. Coquillett). pp. 8, figs. 3. February 20, 1900. Out of print.
Same, second print. pp. 8, figs. 3. [1901.] Out of print.
- No. 41. Regulations of foreign governments regarding importation of American plants, trees, and fruits. By L. O. Howard. pp. 4. August 24, 1900. Out of print.
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Same, revised. pp. 6. May 17, 1902. Out of print.
Same, second edition. May 26, 1902. Out of print.
Same, third edition. April 6, 1903. Out of print.
Same, fourth edition. pp. 8. March 10, 1906.
- No. 43. The destructive green pea louse (*Nectarophora destructor* Johns.). By F. H. Chittenden. pp. 8, figs. 3. May 23, 1901.

- No. 44. The periodical cicada in 1902. By W. D. Hunter. pp. 4, figs. 2. March 13, 1902. Out of print.
- No. 45. A new nomenclature for the broods of the periodical cicada. By C. L. Marlatt. pp. 8. May 1, 1902. Out of print.
- No. 46. Hydrocyanic-acid gas against household insects. By L. O. Howard. pp. 6. June 22, 1902. Out of print.
- Same*, revised edition. pp. 7. Issued February 20, 1907. Revised by C. L. Marlatt, Entomologist and acting chief in absence of chief.
- No. 47. The bedbug (*Cimex lectularius* Linn.). By C. L. Marlatt. pp. 8, figs. 3. June 15, 1902. Out of print.
- Same*, revised edition. pp. 8, figs. 3. Issued February 26, 1907.
- No. 48. The house centipede (*Scutigera forceps* Raf.). By C. L. Marlatt. pp. 4, figs. 2. June 10, 1902.
- No. 49. The silver fish (*Lepisma saccharina* Linn.). By C. L. Marlatt. pp. 4, figs. 2. June 20, 1902.
- No. 50. The white ant (*Termes flavipes* Koll.). By C. L. Marlatt. pp. 8, figs. 4. June 30, 1902. Out of print.
- Same*, revised edition. pp. 8, figs. 4. Issued January 27, 1908.
- No. 51. Cockroaches. By C. L. Marlatt. pp. 15, figs. 5. June 23, 1902.
- No. 52. The lime, sulphur, and salt wash. By C. L. Marlatt. pp. 8. February 20, 1903. Out of print.
- Same*, second edition. March 18, 1904.
- No. 53. The yellow-winged locust (*Cannula pellucida* Scudd.). By C. B. Simpson. pp. 3, fig. 1. May 12, 1903.
- No. 54. The peach-tree borer (*Sannina exitiosa* Say). By C. L. Marlatt. pp. 6, fig. 1. October 19, 1903.
- No. 55. Powder-post injury to seasoned wood products. By A. D. Hopkins. pp. 5, fig. 1. November 20, 1903.
- No. 56. The most important step in the cultural system of controlling the boll weevil. By W. D. Hunter. pp. 7. October 10, 1904.
- No. 57. The greenhouse white fly (*Aleyrodes vaporariorum* Westw.). By A. W. Morrill. pp. 9, fig. 1. February 15, 1905.
- No. 58. Report on the gypsy moth and the brown-tail moth, July, 1904. By C. L. Marlatt. pp. 12, pl. 1, map 1. March 21, 1905. Out of print.
- No. 59. The corn root-worms. By F. H. Chittenden. pp. 8, figs. 3. March 23, 1905.
- No. 60. The imported cabbage worm (*Pontia rapæ* Linn.). By F. H. Chittenden. pp. 8, figs. 6. April 28, 1905.
- No. 61. Black check in western hemlock. By H. E. Burke. pp. 10, figs. 5. May 24, 1905.
- No. 62. The cabbage hair-worm. By F. H. Chittenden. pp. 6, fig. 1. May 17, 1905. Out of print.
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- Same*, second edition. pp. 7, figs. 5. February 12, 1906. Out of print.
- No. 64. The cottony maple scale (*Pulvinaria innumerabilis* Rathvon). By J. G. Sanders. pp. 6, figs. 4. September 7, 1905.
- No. 65. The cotton red spider (*Tetranychus gloveri* Bks.). By E. S. G. Titus. pp. 5, figs. 2. October 30, 1905.
- No. 66. The joint-worm (*Isosoma tritici* Fitch). By F. M. Webster. pp. 5, figs. 5. October 20, 1905.

- No. 67. The clover root-borer (*Hylastinus obscurus* Marsham). By F. M. Webster. pp. 5, figs. 4. December 28, 1905.
- No. 68. The tobacco thrips and remedies to prevent "white veins" in wrapper tobacco (*Euthrips nicotianæ* Hinds). By W. A. Hooker. pp. 5, figs. 2. February 26, 1906.
- No. 69. Some insects affecting the production of red clover seed. By F. M. Webster. pp. 9, figs. 8. April 12, 1906.
- No. 70. The Hessian fly (*Mayetiola* [*Cecidomyia*] *destructor* Say). By F. M. Webster. pp. 16, figs. 16. April 14, 1906.
- No. 71. (Revision of Circular No. 35.) House flies (*Musca domestica* et al.). By L. O. Howard. pp. 9, figs. 9. March 27, 1906. Out of print.
Same, revised edition. pp. 10, figs. 9. September 21, 1906.
- No. 72. Key to the known larvæ of the mosquitoes of the United States. By Harrison G. Dyar. pp. 6, fig. 1. April 27, 1906.
- No. 73. The plum curculio (*Conotrachelus nenuphar* Herbst). By Fred Johnson and A. A. Girault. pp. 10, figs. 5. April 14, 1906.
- No. 74. The periodical cicada in 1906. By C. L. Marlatt. pp. 5, figs. 3. April 16, 1906.
- No. 75. Requirements to be complied with by nurserymen or others who make interstate shipments of nursery stock. By A. F. Burgess. pp. 6. July 5, 1906.
- No. 76. List of publications of the Bureau of Entomology. Compiled by Mabel Colcord. pp. 21. September 24, 1906.
Same, revised to March 1, 1908. pp. 28.
- No. 77. Harvest mites, or "chiggers." By F. H. Chittenden. pp. 6, figs. 3. September 29, 1906.
- No. 78. The slender seed-corn ground-beetle (*Clivina impressifrons* Lec.). By F. M. Webster. pp. 5, figs. 2. October 4, 1906.
- No. 79. The brood diseases of bees. By E. F. Phillips. pp. 5. October 3, 1906.
- No. 80. The melon aphid (*Aphis gossypii* Glov.). By F. H. Chittenden. pp. 16, figs. 6. November 14, 1906.
- No. 81. The aphides affecting the apple. By A. L. Quaintance. pp. 10, figs. 8. Issued March 9, 1907.
- No. 82. Pinhole injury to girdled cypress in the South Atlantic and Gulf States. By A. D. Hopkins. pp. 4, fig. 1. Issued January 2, 1907.
- No. 83. The locust borer [*Cytlene robinia* Forst.] and methods for its control. By A. D. Hopkins. pp. 8, figs. 4. Issued February 19, 1907.
- No. 84. The grasshopper problem and alfalfa culture. By F. M. Webster. pp. 10, figs. 8. Issued April 6, 1907.
- No. 85. The spring grain-aphid (*Toxoptera graminum* Rond.). By F. M. Webster. pp. 7, figs. 3. Issued March 29, 1907.
- No. 86. The corn leaf-aphid [*Aphis maidis* Fitch] and corn root-aphid [*Aphis maidi-radici* Forbes]. By F. M. Webster. pp. 13, figs. 4. Issued May 6, 1907.
- No. 87. The Colorado potato beetle (*Leptinotarsa deccmlincata* Say). By F. H. Chittenden. pp. 15, figs. 6. Issued June 3, 1907.
- No. 88. The terrapin scale (*Eulcanium nigrofasciatum* Pergande.). By J. G. Sanders. pp. 4, figs. 3. Issued May 14, 1907.
- No. 89. The periodical cicada in 1907 (*Tibicen septendecim* L.; race *tredecim* Walsh-Riley). By C. L. Marlatt. pp. 4, figs. 3. Issued May 14, 1907.
- No. 90. The white-pine weevil [*Pissodes strobi* Peck]. By A. D. Hopkins. pp. 8, figs. 6. Issued June 18, 1907.

- No. 91. Note on the occurrence of the North American fever tick [*Margaropus (Boophilus) annulatus*] Say] on sheep. By W. D. Hunter. pp. 3. Issued July 3, 1907.
- No. 92. Mites and lice on poultry. By Nathan Banks. pp. 88, figs. 6. Issued September 25, 1907.
- No. 93. The spring grain-aphis or so-called "green bug" (*Toxoptera graminum* Rond.). By F. M. Webster. pp. 18, figs. 7. Issued August 22, 1907.
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UNITED STATES ENTOMOLOGICAL COMMISSION.

[Members of the Commission: C. V. Riley, A. S. Packard, and Cyrus Thomas. The Commission was attached to the United States Geological and Geographical Survey of the Territories, Department of the Interior, until March 3, 1881. The third report of the Commission inaugurated its transfer to the Department of Agriculture. Of the Bulletins, Nos. 1 and 2 were made under direction of the United States Geological and Geographical Survey of the Territories (Hayden); Nos. 3-7 under direction of the Interior Department; none was issued under the Agricultural Department.]

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- Third report, relating to the Rocky Mountain locust, the western cricket, the army worm, canker worms, and the Hessian fly, together with descriptions of larvæ of injurious forest insects, studies of embryological development of the locust and of other insects, and on the systematic position of the Orthoptera in relation to other orders of insects. With maps and illustrations. pp. xiv+347+12+92, figs. 14, pls. 64, maps 3. 1883. Price, cloth, \$1. Postage 20 cents.
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[Discontinued June 30, 1891.]

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- No. 68. The chemical composition of insecticides and fungicides, with an account of methods of analysis employed. By J. K. Haywood. pp. 62. 1902. Price 5 cents. Postage 3 cents.
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Approved:

JAMES WILSON,

Secretary of Agriculture.

WASHINGTON, D. C., *November 22, 1907.*

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